ABIGAIL MY TRAN

mt2915@rit.edu   (346) 704-7737   www.linkedin.com/in/AbigailTran

OBJECTIVE

Looking for an internship next Summer or Fall, 2017 in the software related field.

SKILLS

Programing Language: Java; Python; C; React Native; HTML; CSS; JavaScript

Software: IntelliJ; Pycharm; Django; Unix; Android Studio; Google Apps Script

EDUCATION

Rochester Institute of Technology
Major: B.S in Software Engineer (Honors)
GPA: 3.84/4.0
Expected Graduation: May 2020

PROJECTS

Solitaire Chess Game

- Designed a Java Solitaire Chess game applying Model – View – Controller model:
    - Executed the full game on both JavaFX platform (GUI) and IntelliJ consoler (TUI)
    - Applied Backtracking algorithm to "Hint" and "Solve" options for any level of the game

Blackout Puzzles

- Designed a Python program to solve Blackout puzzles using two different data structures:
    - Applied Stack structure for effective manage numbers and operations
    - Applied recursion and Binary tree structure to check and solve for solutions

Document Analyses

- Designed a C program to analyses text documents
    - Applied Double Linked-list and Node structure in C to manage elements of the document: numbers of unique words, words count, find word, sentences count, the most common word…
    - Managed memory effectively using C dynamic memory allocation

Diet Manager

- Designed a Ruby program to manage the Food Database and Diet Log of users:
    - Provided interactive commands such as add and delete food, view, log and print diet log…

Mobile Application Alumni Connection

- Using React Native on Android Studio to building the native mobile application
- Collaborating with a team of three students to develop the application for Women in Computing's alumni

WORK EXPERIENCE

Rochester Institute of Technology

- **Academic Support Center**   Aug, 2016 - Present
  Academic Tutor
    Assisting students with questions about Science and Computing classes at RIT's public study centers
- **International Students Service**   Apr, 2016 – Aug, 2016
  Peer Advisor Leader (PAL)
    Helped facilitate incoming international students' transition to RIT by mailing essential information throughout the summer and welcoming them in three days of the International Orientation

ACTIVITIES AND LEADERSHIP

- **University Studies Program (USP)**   Feb, 2016 – Present
  Ambassador
- **Vietnamese Students Association (VSA)**   Feb, 2015 – Present
  Vice-president
- **Vung Tau Abroad Student Association (VTASA)**   Aug, 2014 – Present
  Vice-president